



United States Department of the Interior

GEOLOGICAL SURVEY

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70483



4th Floor
102 East Main Street
Urbana, IL 61801

April 22, 1988

RECEIVED
U.S. EPA, REGION V
WASTE MANAGEMENT DIVISION
OFFICE OF THE DIRECTOR

Ms. Karen Waldvogel
Remedial Project Manager
U.S. Environmental
Protection Agency
Region V, Mail Stop 5HE-12
230 South Dearborn Street
Chicago, IL 60604

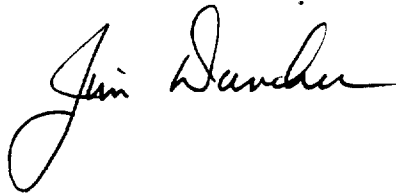
Dear Karen:

There are a few comments Jim Duncker and I would like to make concerning sampling at Pagel's Pit which may of some help.

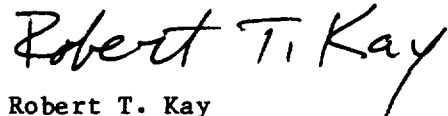
1. Wells MW-106, B-12, B-6D, and B-6S showed visible oily residue in the purged water. Only well MW-106 was sampled for HSL parameters during this sampling round. The other wells have been sampled for HSL parameters in the past, sampling for them again may be useful.
2. Wells G-118 and G-111 were blocked at the time of sampling. Efforts to unblock these wells were unsuccessful. Because well G-118 hasn't been sampled previously and it is an important well, efforts should be made to ensure that it can be sampled during the next sampling round. As far as we have been able to determine, G-111 hasn't been sampled either.
3. Surface-water samples from Killbuck Creek were taken at a time when the creek was in flood stage. Water chemistry is likely to be diluted.
4. Many of the wells in the immediate vicinity of the landfill have black material in them. While this black material is probably sediment from the landfill cover, an odor was detected in some of these samples, indicating that leachate may be present. Special attention should be paid to the chemistry of these samples. The wells in question are B-15R, MW-106, B-13, B-12, and B-15. Warzyn personnel on site claimed well B-15 was contaminated with leachate so particular attention should be paid to this well.

5. Enclosed please find a copy of water quality data from Illinois from Killbuck Creek for the 1986 water year. This data was collected by IEPA and USGS. This sampling station is approximately 1/2 mile downstream of Pagel's Pit.

Feel free to call me at FTS 958-5368 with any questions or comments.



Sincerely yours,



Robert T. Kay
James J. Duncker
Hydrologists

Enclosures

Copy to: Sherrill
Nicholas
Duncker
Earle